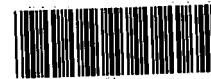




DEPARTMENT OF THE ARMY
NEW ENGLAND DIVISION, CORPS OF ENGINEERS
424 TRAPELO ROAD
WALTHAM, MASSACHUSETTS 02254



SEMS DocID

621126

REPLY TO
ATTENTION OF

February 28, 1986

Regulatory Branch
NEDOD-R

Mr. Matt Schweisberg
U.S. Environmental Protection Agency
Region I
JFK Federal Building
Boston, Massachusetts 02203

Dear Matt:

Here are some materials I received from the North Beverly Environmental Action Committee. It sounds like this is a 'waste case' most appropriately handled by EPA. Could you please look into the matter and lend what assistance you can to these people. If it turns out this is not a "waste" case but the unauthorized discharge of dredged or fill material return it to me and I'll follow up. Thanks.

Sincerely,

Richard Roach
Chief, Enforcement Section
Regulatory Branch
Operations Division

1-27-86

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

January 27, 1986

Richard Roach
Chief, Enforcement Section
Regulatory Branch
Operations Division
Department of the Army

Dear Mr. Roach,

Enclosed please find a copy of our letter to Mayor Jack Monahan, of Beverly describing in detail specific concerns which we have for the potential contamination of Wenham lake from the pollution sources near the Beverly airport and in the associated valley which drains directly into the public reservoir for 80,000 people.

We also include some recommendations for positive action which could be taken to help alleviate some of the problems described.

Enclosed are maps to pin-point our location along with a few photos. We offer our services to you by joining you on a field inspection or providing you with further information and photos. We know this area better than our public officials who regard this area as an embarrassment from past political city administrations. Meanwhile water quality is getting poorer. We are notified that we now have a high sodium and bacteria count in our drinking water. Something has to be done to reverse this situation. What is urgently needed here is a ground water contamination investigation.

For the Committee,

Dominic Manzoli
Dominic Manzoli

P.S. Listed here are members of NBEAC and telephone numbers for any further information.

Dom Manzoli	927-4662
Robert St. Pierre	927-4623
David Lang	927-1103
Philip & Edna Parsons	922-2938
George Batchelder	927-3708
Julie Weaver	927-2382

JAN 30 1986

12-19-85

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

RECEIVED

DEC 24 1985

REGION I
WASTE MGMT. DIVISION

December 19, 1985

Dear Mr. Hohman :

Enclosed please find a copy of our letter to Mayor Jack Monahan of Beverly describing in detail specific concerns which we have for the potential contamination of Wenham Lake from the pollution sources near the Beverly airport and in the associated valley which drains directly into the public reservoir for 80,000 people.

We also include some recommendations for positive action which could be taken to help alleviate some of the problems described.

Please excuse the impersonal photocopy of this cover letter done only for the sake of speed of distribution for the many copies to concerned individuals and agencies.

Sincerely yours,

North Beverly Environmental Action Committee

John
Hochler -
① please check the out
② what should we do?
③ someone reply for me

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

December 16, 1985

Mr. John Monahan, Mayor
City of Beverly
Massachusetts 01915

Dear Mr. Mayor,

The North Beverly Environmental Action Committee would like to bring to your attention a number of serious environmental issues which are having and will continue to have a harmful impact on Wenham lake, our drinking water supply, unless some action is taken to correct the situation.

The North Beverly area and particularly the area between the Airport and the lake is a prime area for development. Currently the Airport Commission is attempting to lease the former Casco Chemical plant and land. Also under pressure of development is the nearby Vitale property. Both of these properties should be included in a proper and thorough environmental impact study. We believe that these properties should be taken away from the Airport Commission authority and should be placed under the control of the Beverly Conservation Commission and the State Dept. of Environmental Quality Engineering (DEQE), to establish what is commonly called a 'Conservancy District'. This land is within 2000-3000 feet from our drinking water supply and is presently zoned for industry.

It is a documented fact that most of the land west of the reservoir including the western hills at the immediate edge of the lake plus Cherry Hill, Lord's Hill and the Airport property, also the adjacent wetlands on Cabot and Conant Streets are a part of a large aquifer which supplies both ground and surface water to the lake. Because an aquifer is an extremely sensitive environmental system easily disrupted through uncontrolled development, we would like to see the City of Beverly place a moratorium on any further development in this area.

The North Beverly Environmental Action Committee (NBEAC) has worked for a number of years both to monitor hazardous waste problems in the area and to protect the water sources as well. Our involvement first began with knowledge of open sewage at the former 'NIKE' site. In addition the NBEAC has been attempting to bring to the attention of the City the fact that the Casco Chemical was improperly storing and disposing of chemical wastes. Finally in October 1984 the Hazardous Waste Division of the DEQE finally cited not only Casco Chemical but also Freedom Trails Asphalt Repair Company who was then renting the Vitale property.

Page 12

In our opinion a comprehensive study of the entire aquifer feeding the Beverly-Salem water supply is long overdue. Furthermore, the present drilling program at the Casco Chemical site is too limited in scope to meaningfully define the potential contamination to such a large area. As a result the pollution continues.

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

-2-

Enclosed with this letter is a summary of the kinds of pollution which have occurred to date, along with the potential long term impact on Wenham Lake, the drinking water supply for the 80,000 residents of Beverly and Salem.

This summary has been compiled not only by NBEAC members but also with the help of professionals in the fields of Hydrology and Water Resource Protection.

With this letter and summary we trust that we have brought to your attention the serious need to stop the proposed leasing of the Casco Chemical property and also the need to take immediate action on the long term protection of the major sources of water supply to our drinking water supply, Wenham Lake.

The NBEAC is ready and willing to help in any way.

Very truly yours,

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE

Name	Address	City
Dominic Marzoli	775-A Cabot St	Beverly
Elizabeth Marzoli	775-H Cabot St	Beverly
Robert J. St. Pierre	7 Trask St.	Beverly
Gonnie K. St. Pierre	7 Trask St.	Beverly
Robert A. Cross	777 Cabot St	Beverly
George L. Botchella	783 Cabot St.	Beverly
Barbara P. Cross	777 Cabot St	Beverly
William Wein	775 Cabot St.	Beverly
Edna R. Parone	13 King Terrace	Bew.
Philip C. Parone	13 King Terrace (continued)	Bew.

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

SUMMARY of Environmental problems that should be corrected in and around the Beverly Airport in order to protect Wenham Lake, our water supply.

1. Pollution starts up-gradient from the Casco Chemical site at the airport with disintergrating old dumps that create leachate. There are also pollutants in the upper wetlands caused by former industries at the airport.
2. Down-gradient from the vacant 'NIKE' site is the Vitale property. where there has been illegal dumping for many years. This area has been stripped of loam and gravel and replaced with coal-fly-ash as deep as 35 feet. Some illegal dumping still goes on here. The fly ash is flowing via a brook into the lake since there is no siltation fence to prevent it. 300 feet into the lake bed the fly ash is 6" deep. Samples of this have been obtained during low water. Fly ash contains many trace metals such as lead, chromium, arsenic and cadmium. All of these are very toxic and are considered priority pollutants by the U.S. Environmental Protection Agency (EPA).
3. Petro-chemicals could possibly be emerging into the ground water system from the probably rusting old underground fuel tanks that have out-lived their life expectancy. Many of these are without a doubt not in compliance with the LEAKING UNDERGROUND STORAGE TANK (L.U.S.T.) legislation currently being implemented by the DEQE and the EPA.
4. Land formerly owned by Vitale - We understand that the Mass. Attorney General has re-opened the case against the owner (now deceased). The original owner was told to cease dumping and to submit a closure plan for the area, including capping and re-vegetation. This was never done. During the past few years residents in the area have noted that some of fly ash was dug up and used to cover the existing pollution.
5. There is a history of pollution flowing down stream in the brook that parallels Henderson Road. Throughout the year the brook enters the water table in the tall phragmite grass. When this type of grass takes over a wetland this is an indication of destruction and pollution. Healthy wetlands do not have vast stands of phragmite grass. There is also an absence of aquatic life which is another sign of the pollution. NBEAC members have personally investigated this area in the wintertime and have discovered an orange-colored-leachate present. Leachate joins this brook just above this point and originates from the Vitale land. Further down-stream the open brook with considerable dilution from a brook that comes down from Lord's Hill flows freely into the lake. As far as we know, all testing of the airport area was done downstream. We do not know of any testing in this ground water recharge or sink area. One test was taken upstream and identified only iron bacteria. Seeping leachate usually indicates chemical changes which are occurring in the subsurface and are often found in ground water contamination.
6. Upstream there are two wetlands located mostly in Wenham, between Lord's Hill and the airport's busy N-S runway. These wetlands are at an 80' elevation and were dammed up by the NIKE installation years ago. This clean water flows down grade to the lake filtering through all the pollution down stream. The airport itself is at 108' elevation and the surface of the lake is 32' above sea level, therefore any ground or surface water drains naturally to the lake level.

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

SUGGESTIONS by the NORTH BEVERLY ENVIRONMENTAL ACTION COMMITTEE to improve the environmental quality of the land which is used by the Beverly Airport and other industries. This land is an important part of the large aquifer which drains ground and surface water into Wenham Lake, the drinking water supply for 80,000 residents of Beverly and Salem.

FIRST OF ALL - An explanation - - The NBEAC in their investigation and study has been sharing information with other State Environmental groups and with professionals in the fields of Hydrology and Water Resource Protection. Our efforts are well documented with a quantity of maps, photos and records over a period of years.

OUR SUGGESTIONS

1. A thorough study of the nature and content of contamination present in the Henderson Road area, also a study in other sections of North Beverly where the surface and ground water flows by gravitation into Wenham Lake. Also a study of the area surrounding Longham Reservoir even though this water supply is more isolated and subject to less evidence of pollution.
2. The implementation of a City-wide Aquifer Protection Plan including re-zoning in sensitive areas that would affect the water supply. Many towns and cities in Mass. have already enacted this plan. State funds are available to do such an investigation.
3. A long look ahead - With an increasing demand on the Ipswich River by other towns and cities besides Beverly and Salem, spring pumping from the river may be limited. It is not impossible to imagine future State-mandated allocation of water resources, and elimination of water diversions. This could leave Beverly and Salem dependent on its own ground water resources. If the aquifers for our water supplies are not protected with legislation today, they may not be utilized in the year 2000 if the surface water diversions are eliminated. As we bring in seasonal pumping from the Ipswich River, Putnamville and Longham Reservoirs we may be bringing in clean water into a possibly 'dirty vessel', Wenham Lake, if adequate steps are not taken to eliminate polluted areas.
4. Now is the time for positive action regarding the pollution in the Airport area while both the Vitale and NIKE sites are vacant, also the Casco Chemical buildings are empty.
5. Present planning is necessary to achieve these long term goals.

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

Name	Address	City
Mark Finnegan	2 Trask st.	Beverly
Judy Finnegan	2 Trask St	Beverly
Eleanor Parlowich	50 Trask St.	Beverly
Joseph Parlowich	50 Trask St	Beverly
Carol Ann Filiz	58 Trask St.	Beverly
Bruce W Brokwist	786 CABOT ST	BEVERLY
Leah Smith	76 Trask St	Beverly
Robert J. Wright Jr.	68. Conant St.	Beverly
Deborah K. Carter	9 Bancroft Ave	Bev.
Walter Munn	52 Ellsworth	Bev.
Dale Miller Bouton	44 Ellsworth Ave	Beverly
Mr. Roland Brokwist	786 Cabot St.	Bev.
Charles M. Luvato	16 Somerset Ave.	Beverly
Esther M. Nokes	25 Pershing Ave.	Beverly
Richard G. Driggs	11 Popcorn Rd.	Beverly
Sumner H. Bognator	11 Elmer Ave.	Beverly
Robert W. Lovers	27 Conant St.	Beverly
William C. Lumbering Jr.	658 Cabot St	Beverly

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

Name	Address	City
Charles H Moser Jr	14 Herrick St East	Beverly
Evelyn R Moser	14 Herrick St East	Beverly
Kenton R. Bagley	7 Arlington Ave	Beverly
Walter Andrews	21 Mac Arthur Rd	Beverly
Margaret V. Morrison	607 B Cabot St	Beverly
Edward Morrison	607 R Cabot St	Beverly
Donald C. Cline	1 Nursery St	Beverly
Wendell Drew	633 Cabot St.	Beverly
Mary Wright	68 Conant St	Beverly
Paul S. Tuttle	Lower Pond Rd.	Beverly
Helen Tiggott	49 Conant St	Beverly
Mary L. Wilson	17 Jordan St	Beverly
Susan Sherman	20 Berrywood Lane	Beverly
David L. Whitaker	54 Cross Lane	Beverly
Constance L. Maude	8 Tremont St	Beverly
Georgia W. Briggs	11 Robinson Rd	Beverly
Jean A. Bampton	11 Claver Ave	Beverly
William O. Lowe	60 Livingston Ave	Beverly
Maria L. Lowe	60 Livingston Ave	Beverly

NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE
P. O. BOX 8
WENHAM, MA 01984

Name	Address	City
Charles Stevens	31 Putnam St.	Beverly
John A. Pringley	137 Balch St	"
Harvie W. Phillips	23 Dartmouth St.	Beverly
Heraldine Phillips	23 Dartmouth St	Beverly
Jeanette Pringley	137 Balch St. P	Beverly
Leona Story	9 Lincoln St	Ber
Thomas V. Story	9 Lincoln St	Ber
Alan W. Story	9 Lincoln St	Ber
John L. Salmon	9 Lincoln St.	Ber
Reed Story	9 Lincoln St	Ber
Larry Nator	11 Lincoln St	Ber
Judith A. Martyn	18 Lincoln St.	Ber
Paul G. Martyn	18 LINCOLN STREET	BEV
Todd Martyn	18 Lincoln St.	Ber
Robert E. Cusby	17 LINCOLN ST	Beverly
Margaret B. Cusby	17 Lincoln St	Beverly
Mary Lou Young	22 Lincoln St.	Beverly
Eric E. Fowler	2 Prescott St	Beverly
Eric Richter	7 WILKINSON WAY	Beverly

WENHAM, MA 01984

73

**NORTH BEVERLY ENVIRONMENTAL
ACTION COMMITTEE**

P. O. BOX 8

WENHAM, MA 01984

COPIES of this letter from the North Beverly Environmental Action Committee to Mayor John Monahan, Beverly, Mass., including the list of signatures plus additional information are being sent to the following:

Beverly Conservation Commission, Raymond Bouchard, Chm.
Beverly Dept. of Public Works, Alan Taubert, Supt.
Beverly Planning Board, James Manzi, Chm.
Beverly Times, John Christie, Editor
Beverly Airport Commission
Beverly League of Women Veterans
Beverly Aldermen, David Vagos, Chm.
Beverly Ward 5 Alderman, Raymond Battistelli
Salem Mayor Anthony Salvo
Wenham Conservation Commission.
Salem Evening News
Essex County Greenbelt Assoc., Elizabeth Bell, Exec. Director
Salem-Beverly Board
N.E. Clean Water Action Project, 5 Doane St., Boston, Ma. - Pelly Heppin
Community Ground Water Protection, Mass. Audubon, Lincoln - Lynn White, Dir.
U.S. Environmental Protection Agency, Region I, JFK Bldg., Boston, Ma. 02203
Michael Deland, Regional Administrator, Rm. 2203
David Pickman, Director of Office of Public Affairs, Rm. 2203
Merrill S. Hohman, Director Waste Management Div. Rm. 1903
John Hackler, Waste Response & Compliance Section
Exec. Office of Environmental Affairs
James S. Hoyte, Secretary
Dept. of Environmental Management
James Gutensohn, Commissioner
Dept. of Environmental Quality Engineering
Anthony Silva, Commissioner
Madeline Snaw, Uncontrolled/Abandoned Sites, Superfund
Richard Chalpin, Metropolitan Boston/Northeast Region
William Simmons, Office of Incident Response, Assessment, & Clean Up
Michael Stremen, Div. of Water Supply
Mass. Public Interest Research Group
Mass. Fair Share
Mass. DEQE Northeast Regional Office
William Krol, Director
Hazardous Waste Division - Steve Johnson & John Fitzgerald
Wetlands Division - John Felix, Martin Jalonski
Sewage Division - Tom Clougherty
Conservation Law Foundation of N. E.
Ipswich River Watershed Assoc.
Governor Michael Dukakis
Congressman Nicholas Mavroules
Mass. Senator Frederick Berry
U.S. Senator Edward M. Kennedy
Mass. Representative Frances Alexander
F.A.A. Director, Washington, D. C.
F.A.A. Regional Director, Burlington, Ma.
Mass. Aero Commission